



01-0271
Docket No.: M4065.0472/P472
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Anthony Moschopoulos, et al.

Application No.: 09/941,647 ✓

Filed: August 30, 2001

For: INTERNAL DATA TRANSFER

Group Art Unit: 2818

Examiner: Not Yet Assigned

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**POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(B)**

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Micron Technology, Inc., Assignee of the entire right, title and interest in the above-identified application by virtue of an Assignment, a copy which is attached hereto, hereby appoints the attorneys and agents of the firm of Dickstein Shapiro Morin & Oshinsky LLP located at 2101 L Street NW, Washington, DC 20037-1526, listed as follows:

| | | | | | |
|---------------------|--------|------------------------|--------|----------------------------|--------|
| Gary M. Hoffman | 26,411 | Richard LaCava | 41,135 | Gary L. Veron | 39,057 |
| Thomas J. D'Amico | 28,371 | John C. Luce | 34,378 | Steven I. Weisburd | 27,409 |
| Donald A. Gregory | 28,954 | Peter McGee | 35,947 | Mialecka C. Williams-Bibbs | 48,037 |
| James W. Brady, Jr. | 32,115 | Edward A. Meilman | 24,735 | Peter Zura | 48,196 |
| Jon D. Grossman | 32,699 | Edwin Oh | 45,319 | Jeremy A. Cubert | 40,399 |
| Mark J. Thronson | 33,082 | William E. Powell, III | 39,803 | Gianni Minutoli | 41,198 |
| Eric Oliver | 35,307 | Steven S. Rubin | 43,063 | Michael Bergman | 42,318 |
| Laurence E. Fisher | 37,131 | Michael J. Scheer | 34,425 | Salvatore P. Tamburo | 45,153 |
| Ian R. Blum | 42,336 | Stephen A. Soffen | 31,063 | Peter A. Veytsman | 45,920 |
| Gabriela I. Coman | 50,515 | Christopher M. Tanner | 41,518 | Christopher S. Chow | 46,493 |
| Ryan H. Flax | 48,141 | Ellen S. Tao | 43,383 | | |

and also, listed as follows:

| | | | | | |
|--------------------------|--------|-----------------|--------|---------------|--------|
| Charles B. Brantley, III | 38,086 | Kevin D. Martin | 37,882 | David J. Paul | 34,692 |
| Michael L. Lynch | 30,871 | | | | |

attorneys of Micron Technology, Inc. as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

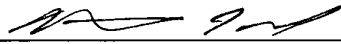
The Assignee certifies that the above-identified assignment has been reviewed and to the best of the Assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP
2101 L Street NW
Washington, DC 20037-1526
Telephone: (202) 785-9700
Fax: (202) 887-0689

Respectfully submitted,

MICRON TECHNOLOGY, INC.



Michael L. Lynch
Chief Patent Counsel
Registration No. 30,871

Dated: 9-24-02

ASSIGNMENT AND AGREEMENT

For value received, we, Anthony Moschopoulos and Vinod Lakhani, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled INTERNAL DATA TRANSFER, described in an application for Letters Patent of the United States, already filed on August 30, 2001 as U.S. Patent Application No. 09/941,647, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Anthony Moschopoulos

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came Anthony Moschopoulos, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Docket No.: M4065.0472/P472

Micron No.: 01-0271

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

Vinod Lakhani

Vinod Lakhani

Date: 3/2/2002Margaret A. Bulma
WitnessDate: 3/2/02[Signature]
WitnessDate: 3/2/02

ASSIGNMENT AND AGREEMENT

For value received, we, Anthony Moschopoulos and Vinod Lakhani, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled INTERNAL DATA TRANSFER, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

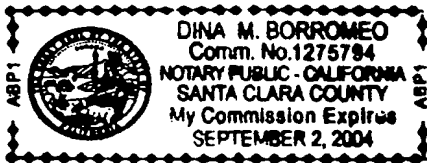
We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Anthony Moschopoulos

Date: August 28, 2001

United States of America)
State of CA.) ss.:
County of SANTA CLARA.)

On this 28 day of August, 2001, before me personally came Anthony Moschopoulos, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

Vinod Lakhani

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me
personally came Vinod Lakhani, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Please type a plus sign inside this box

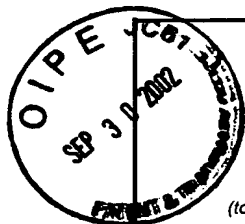


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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | |
|------------------------|----------------------|
| Application Number | 09/941,647 |
| Filing Date | August 30, 2001 |
| First Named Inventor | Anthony Moschopoulos |
| Group Art Unit | 2818 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | M4065.0472/P472 |

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

| | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Power of Attorney by Assignee with true copy of Assignment |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------------|---|
| Firm or Individual Name | DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Thomas J. D'Amico |
| Signature | |
| Date | September 30, 2002 |